

10/521941

PATENT

Docket No. 492322017300

DT01 Rec'd PCT/PTC 21 JAN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#3

In re Patent Application of:
Tetsuro ASANO et al.

Serial No.: Not yet assigned

Filing Date: Concurrently herewith

For: SEMICONDUCTOR DEVICE

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents are submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted with the application; accordingly, no fee or separate requirements are required.

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

va-90906

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JJ/

10/521941

Application No. Not yet assigned

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In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing 492322017300.

Dated: January 21, 2005

Respectfully submitted,

By 

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ALTERNATIVE TO PTO/SB/08a/b (06-03)

| | | | | | |
|---|---|----|---|--------------------------|--------------------------|
| Substitute for form 1449/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Application Number | To be assigned 10/521941 |
| | | | | Filing Date | Concurrently herewith |
| | | | | First Named Inventor | Tetsuro ASANO |
| | | | | Art Unit | Not Yet Assigned |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | 492322017300 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | 1. | US-5,047,355 | 9/10/1991 | Huber et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | 2. | DE-3334167-A1 | 4/4/1985 | Siemens | corresponds to U.S. 5,047,355 listed above | |
| | 3. | EP-0140095-A1 | 5/8/1985 | Siemens | corresponds to U.S. 5,047,355 listed above | |
| | 4. | JP-60-86874 | 5/16/1985 | Siemens | corresponds to U.S. 5,047,355 listed above | |
| | 5. | JP-8-236549 | 9/13/1996 | | abstract | |
| | 6. | JP-2723936 | 11/28/1997 | | | ✓ |
| | 7. | JP-62-174975 | 7/31/1987 | | abstract | |
| | 8. | JP-11-220093 | 8/10/1999 | | abstract | |
| | 9. | WO-97/45877-A1 | 12/4/1997 | | abstract | |

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | 10. | Physics of Semiconductor Devices, pp. 116-123 | |

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|--------------------|----------------------------------|-----------------|--|
| Examiner Signature | /Jerome Jackson Jr/ (10/01/2008) | Date Considered | |
|--------------------|----------------------------------|-----------------|--|

va-00907

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JJ/